

Stepan Stepanovic

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4371346/publications.pdf>

Version: 2024-02-01

20
papers

300
citations

933447

10
h-index

888059

17
g-index

22
all docs

22
docs citations

22
times ranked

596
citing authors

#	ARTICLE	IF	CITATIONS
1	Density functional approximations for consistent spin and oxidation states of oxoiron complexes. <i>International Journal of Quantum Chemistry</i> , 2020, 120, e26121.	2.0	10
2	Improvement of d-d interactions in density functional tight binding for transition metal ions with a ligand field model: assessment of a DFTB3+U model on nickel coordination compounds. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 27084-27095.	2.8	3
3	Lewis versus Brønsted Acid Activation of a Mn(IV) Catalyst for Alkene Oxidation. <i>Inorganic Chemistry</i> , 2019, 58, 14924-14930.	4.0	20
4	The Irony of Manganocene: An Interplay between the Jahn-Teller Effect and Close-Lying Electronic and Spin States. <i>Journal of Chemical Information and Modeling</i> , 2019, 59, 1806-1810.	5.4	4
5	A Non-Heme Iron Photocatalyst for Light-Driven Aerobic Oxidation of Methanol. <i>Angewandte Chemie</i> , 2018, 130, 3261-3265.	2.0	5
6	A Non-Heme Iron Photocatalyst for Light-Driven Aerobic Oxidation of Methanol. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 3207-3211.	13.8	34
7	Selective Photo-Induced Oxidation with O ₂ of a Non-Heme Iron(III) Complex to a Bis(imine-pyridyl)iron(II) Complex. <i>Inorganic Chemistry</i> , 2018, 57, 4510-4515.	4.0	5
8	Structural diversity of isothiocyanato Cd(II) and Zn(II) Girard's T hydrazone complexes in solution and solid state: effect of H-bonding on coordination number and supramolecular assembly of Cd(II) complex in solid state. <i>Structural Chemistry</i> , 2018, 29, 1797-1806.	2.0	10
9	The role of spin states in the catalytic mechanism of the intra- and extradiol cleavage of catechols by O ₂ . <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 7860-7868.	2.8	9
10	Benchmarking density functional tight binding models for barrier heights and reaction energetics of organic molecules. <i>Journal of Computational Chemistry</i> , 2017, 38, 2171-2185.	3.3	39
11	Unique mononuclear Mn ^{II} complexes of an end-off compartmental Schiff base ligand: experimental and theoretical studies on their bio-relevant catalytic promiscuity. <i>Dalton Transactions</i> , 2016, 45, 12409-12422.	3.3	55
12	Resolving the origin of the multimode Jahn-Teller effect in metallophthalocyanines. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 29122-29130.	2.8	10
13	Decarbonylative Dibromination of 5-Phenylthiophene-2-carbaldehyde with Bromine. <i>Synthesis</i> , 2016, 48, 4423-4430.	2.3	3
14	High-yielding method for preparation of carbocyclic or N-containing heterocyclic β^2 -keto esters using <i>in situ</i> activated sodium hydride in dimethyl sulphoxide. <i>Green Chemistry Letters and Reviews</i> , 2016, 9, 61-68.	4.7	3
15	Challenges in assignment of orbital populations in a high spin manganese(III) complex. <i>Dalton Transactions</i> , 2016, 45, 6702-6708.	3.3	11
16	Magnetic Anisotropy in α -Scorpionate-First-Row Transition-Metal Complexes: A Theoretical Investigation. <i>Chemistry - A European Journal</i> , 2015, 21, 3716-3726.	3.3	12
17	Experimental and theoretical investigation of octahedral and square-planar isothiocyanato complexes of Ni(II) with acylhydrazones of 2-(diphenylphosphino)benzaldehyde. <i>Polyhedron</i> , 2015, 89, 271-279.	2.2	13
18	Spin state relaxation of iron complexes: The case for OPBE and S12g. <i>Journal of the Serbian Chemical Society</i> , 2015, 80, 1399-1410.	0.8	15

#	ARTICLE	IF	CITATIONS
19	A density functional study of the spin state energetics of polypyrazolylborato complexes of first-row transition metals. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 14514.	2.8	20
20	Role of Spin State and Ligand Charge in Coordination Patterns in Complexes of 2,6-Diacetylpyridinebis(semioxamazide) with 3d-Block Metal Ions: A Density Functional Theory Study. <i>Inorganic Chemistry</i> , 2013, 52, 13415-13423.	4.0	19